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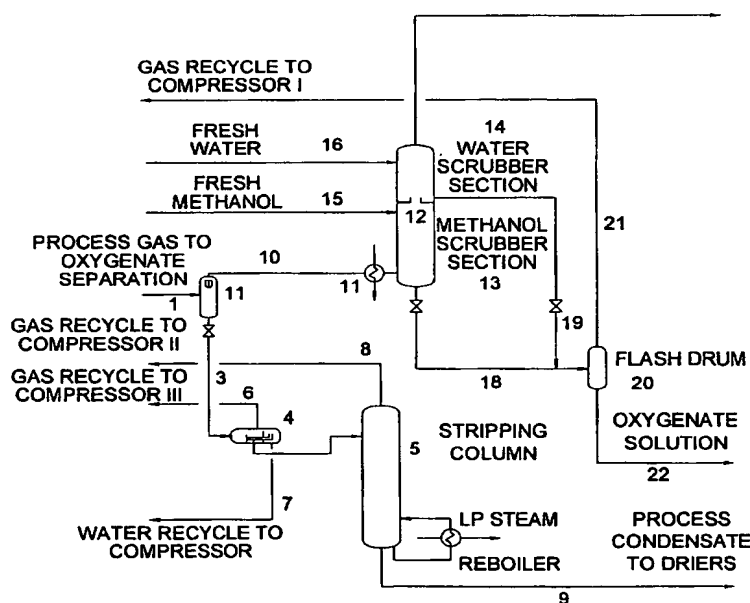
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101 50 480.2 16 October 2001 (16.10.2001) DE</p> <p>(71) Applicant (for all designated States except US): EXXON-MOBIL CHEMICAL PATENTS INC. [US/US]; 13501 Katy Freeway, Houston, TX 77079 (US).</p> <p>(72) Inventors; and</p> <p>(75) Inventors/Applicants (for US only): BORGMANN, Wilfried [DE/DE]; Fichtenstrasse 4, 82065 Baierbrunn (DE). KUNKEL, Joseph [DE/DE]; Parkstrasse 19, 82131 Gauting (DE). FRITZ, Helmut [DE/DE]; Zillertalstrasse</p> | <p>31, 81373 München (DE). LAUERMANN, Gerhard [DE/DE]; Gereinerstrasse 3, 83646 Bad Tölz (DE). WALZL, Roland [DE/DE]; Am Buchenwald 2, 82340 Feldafing (DE). MÜLLER, Klaus [DE/DE]; Münchner Strasse 109, 85614 Kirchseeon (DE).</p> <p>(74) Agents: NOHLEN, Martin et al.; Uexküll & Stolberg, Beselerstrasse 4, 22607 Hamburg (DE).</p> <p>(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.</p> <p>(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK,</p> |
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- (54) Title: A METHOD FOR PROCESSING AN OLEFIN-CONTAINING PRODUCT STREAM**



- (57) Abstract:** A method is described for processing an olefin-containing product stream (1) that contains, besides ethylene and propylene, longer-chain olefins and compounds of hydrocarbons with oxygen (oxygenates). Such a product stream (I) can occur in particular in olefin synthesis from methanol. The product stream is dewatered in successive process steps, optionally compressed in several steps and dried. Then it is subjected to fractionation. For removal of the undesired oxygenates it is proposed that the oxygenates be washed out of the gaseous product stream after the compression steps and before the drying step in a column (12) with methanol.

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TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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